JITENDRA AAKDE

AI/ML Engineer | GenAI & LLM Specialist

Indore, MP, 452001 **|** +91 8959419522 **|** jitendraaakde8959@gmail.com **|** jitendraaakde.netlify.app

PROFESSIONAL SUMMARY

AI/ML Engineer with 1+ years of experience and Google Cloud ML Engineer certification, specializing in GenAI, LLMs, multi-agent systems, RAG pipelines, and model finetuning. Expert in building and deploying production-grade AI systems using Python, FastAPI, Docker, and cloud platforms (AWS/GCP). Skilled with vector databases (Weaviate, Pinecone), embeddings, prompt engineering, and modern LLM stacks including OpenAI, DeepSeek, Llama, and Mistral.

SKILLS

- GenAI
- Machine Learning
- Deep Learning
- LLMs
- Fine-Tuning
- RAG
- Embeddings
- Prompt Engineering
- Agentic AI
- Python
- FastAPI
- Flask
- Django
- Docker
- Pinecone, Qdrant, Weaviate
- Ollama
- MCP & Tools
- N8N
- AWS
- GCP
- CI/CD
- SQL
- PostgreSQL
- REST API
- GraphQL
- Git/GitHub
- Jira

WORK EXPERIENCE

Systango, Indore

AI/ML Engineer | Jan 2025 - Present

- Designed and implemented an end-to-end RAG system handling multi-type data using OpenAI/Gemini LLMs, vector databases, and embedding pipelines; applied prompt engineering and hyperparameter tuning to retrieval accuracy and integrated PostgreSQL/MySQL for storage.
- Implemented scalable, containerized services with Docker on AWS/GCP, building REST/GraphQL APIs using Django/Flask/FastAPI and setting up monitoring and safeguards for low-latency, reliable inference.
- Built async data pipelines with Celery and Redis for ingestion and DB operations; orchestrated microservices and Google OAuth to enable fast vector indexing and real-time chatbot processing.
- Optimized RAG chatbot and AI-agent workflows through prompt refinement, vector DB tuning, and evaluation of model/embedding setups, improving response quality and latency.

Web Developer Intern | July 2024 - Jan 2025

- Completed a 6-month Software Developer internship focused on software fundamentals, Agile/Scrum, sprint planning, advanced Git/GitHub, QA/testing, REST APIs, DBMS, and basic frontend/backend development.
- Built a full-stack e-commerce app using React + Redux and Node.js + MongoDB, delivering product listing, discounts, filters, cart/wishlist, checkout, and shipping with fully functional REST APIs.
- Collaborated with cross-functional teams, participating in standups, sprints, code reviews, and QA testing; debugged issues and improved code quality through structured Git workflows.

MotionCut Video Studio, Remote

Web Development Intern | Nov 2023 - Dec 2023
- Created dynamic backend features using Node.js and Express, including routing, form handling, authentication basics, and MongoDB data operations.
- Collaborated with senior developers to refine feature requirements, write unit tests, and deploy small modules, gaining experience with Git workflows and agile development.

OctaNet Service Pvt Ltd, Remote

Web Development Intern | Dec 2023 - Feb 2024
- Created dynamic backend features using Node.js and Express, including routing, form handling, authentication basics, and MongoDB data operations.
- Collaborated with senior developers to refine feature requirements, write unit tests, and deploy small modules, gaining experience with Git workflows and agile development.

KEY PROJECTS

WhoHire – AI Driven Resume Screening & Smart Interview Automation   **Live Demo | GitHub**
- Developed an AI-powered hiring automation system that parses resumes, sends Twilio SMS confirmations, and runs agent-driven pre-screening interviews with reminders and stage tracking.
- Built a scalable FastAPI + PostgreSQL backend with QStash and a React/Next.js dashboard, cutting screening time by 70% and boosting candidate participation 2.4x.

Ek Kadam NGO Website   **Live Demo | GitHub**
- Developed a responsive NGO website using React.js and modern UI frameworks to showcase the organization's mission, programs, impact stories, and contact information in a clear, accessible format.
- Improved the NGO's digital presence by enabling easier community engagement and outreach, deployed seamlessly on Netlify for fast and reliable access.

Char Dham Yatra Information System   **Live Demo | GitHub**
- Built a MERN-based Char Dham Yatra information platform featuring hotel listings, shopping options, Google Maps navigation, live weather updates, travel agent directories, booking support, and an integrated chatbot.
- Streamlined trip planning for pilgrims by centralizing essential travel data, improving accessibility, and reducing time spent searching for verified resources.

ADDITIONAL PROJECTS

Weaviate Utility App   **Live Demo | GitHub**
- A lightweight Streamlit tool for exploring and managing Weaviate data–view collections, run hybrid/near-text/near-vector searches, and inspect results in a clean tabular view with basic analytics.

AWS SQS Utility App   **Live Demo | GitHub**
- A lightweight AWS SQS Streamlit utility that enables developers to perform all key queue operations, including sending messages, receiving messages, deleting messages, listing queues, creating queues, and more.

React Youtube Clone   **Live Demo | GitHub**
- A full-featured YouTube clone built with React.js, featuring video playback and a responsive design.

CERTIFICATIONS

- Google Cloud Certified Professional Machine Learning Engineer   Link
- Alibaba Cloud Certified Developer   Link
- Apna College Course (DSA + Java)   Link

EDUCATION

Acropolis Institute of Technology and Research, Indore (RGPV Uni.)   **2024**

- Bachelor of Technology in Computer Science and Information Technology: CGPA 7.17/10   Indore MP

Govt Boys H S School Maheshwar Khargone   **2017- 2020**

- HSC (MP Board) Aggregate: 74.2/100
- SSC (MP Board) Aggregate: 77.5/100   Maheshwar, MP

LINKS